

## **BENT-TUBE HEAT EXCHANGER**

### **Abstract:**

The invention creates a new type of heat exchangers – Bent-Tube Heat Exchanger. It solves thermal expansion problem, allowing airtight connections for both sides of tube connection to tube sheets instead of a sliding connection on one side. Additionally, unlike in spiral-tube heat exchangers, the use of straight tube sections allows for uniform tube spacing and having the same length for all parallel tubes.